

12 - 18 - 01 A



UTILITY
PATENT APPLICATION
TRANSMITTAL

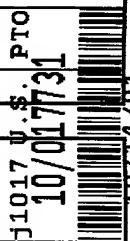
Attorney Docket No.: CR00300M

First Inventor: THOMAS ET AL.

Title: METHOD AND SYSTEM FOR ADAPTIVE CHANNEL
ESTIMATION TECHNIQUES

Express Mail Label No.: ET861521280US

(Only for new nonprovisional applications under 37 CFR 1.53(b))



APPLICATION ELEMENTS

(see MPEP chapter 600 concerning
utility patent application contents)ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. Fee Transmittal Form in duplicate
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status
See 37 CFR 1.27

3. Specification Total Pages 27
(preferred arrangement set forth below)
-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R&D
-Reference to sequence listing, a table,
-Background of the Invention
-Brief Summary of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure

4. Drawing(s) Total Sheets 4

5. Oath or Declaration
a. Newly executed (original or copy)
b. Copy from a prior application (37
CFR 1.63(d)) (for continuation/ divisional with
Box 18 completed)
i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet under 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large
table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence
(if applicable, all necessary)
a. Computer Readable Form (CFR)
b. Specification Sequence Listing on:
i. CD-ROM or CD-4 (2 copies);
ii. or paper
c. Statements verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Power of Attorney
Statement (when there is an assignee)

11. English Translation Document (if applicable)

12. IDS 3 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)

15. Certified Copy of Priority Document

16. Nonpublication Request under 35 U.S.C.
122(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent.

17. Other: _____

18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in- Part (CIP) Prior Appl. No. _____

Prior Appl. information:

Examiner: _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label



or

Correspondence address below

Name	DANIEL W. JUFFERNBRUCH				
Address	Motorola, Inc. - Law Department 1303 E. Algonquin Road				
City	Schaumburg	State	IL	Zip Code	60196
Country	U.S.A.	Telephone	847-538-3129	Fax	847-576-3750
Name	DANIEL W. JUFFERNBRUCH		Registration No.	33,122	
SIGNATURE					
	Date	12/14/2001			

**FEE
TRANSMITTAL**

Patent fees are subject to annual revision

<i>Complete if Known</i>	
Application Number	
Filing Date	12/14/2001
First Named Inventor	TIMOTHY A. THOMAS
Examiner Name	
Group Art Unit	
TOTAL AMOUNT OF PAYMENT	(\$ 924.00)
Attorney Docket No.	CR00300M

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number

13-4772

Deposit Account Name

Motorola, Inc.

Charge Any Additional Fee required under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

Payment Enclosed

Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)		Fee Paid
	101	740	201	370	Utility filing fee	740
	106	330	206	165	Design filing fee	
	107	510	207	255	Plant filing fee	
	108	740	208	370	Reissue filing fee	
	114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$ 740)

2. EXTRA CLAIM FEES

	Previously Paid**	Extra Claims	Fee from Below	Fee Paid
Total Claims	28	- 20	= 8	X 18 = 144
Independent Claims	3	- 3	= 0	X 84 =

Multiple Dependent

280 =

	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)		Fee Description
	103	18	203	9		Claims in excess of 20
	102	84	202	42		Independent claims in excess of 3
	104	280	204	140		Multiple dependent claim, if not paid
	109	84	209	42		* Reissue independent claims over original patent
	110	18	210	9		*Reissue claims in excess of 20 and over original Patent

SUBTOTAL (2) (\$ 144)

**OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE

*For Reissues, see above

SUBMITTED BY

Name (Print/Type) DANIEL W. JUFFERNBRUCH

Signature

FEE TRANSMITTAL		<i>Complete if Known</i>																																																																																																																																																																							
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late filing fee or oath	127	50	227	25	Surcharge - late Provisional filing	139	130	139	130	Non-English specification	147	2520	147	2520	For filing a request for ex parte Reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1840*	113	1840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	400	216	200	Extension for reply within second month	117	920	217	460	Extension for reply within third month	118	1440	218	720	Extension for reply within fourth month	128	1960	228	980	Extension for reply within fifth month	119	320	219	160	Notice of Appeal	120	320	220	160	Filing a brief in support of an appeal	121	280	221	140	Request for oral hearing	138	1510	138	1510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1280	241	640	Petition to revive - unintentional	142	1280	242	640	Utility issue fee (or reissue)	143	460	243	230	Design issue fee	144	620	244	310	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Processing fee under 37 CFR 1.17(q)	126	180	126	180	Submission of IDS	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	179	740	279	370	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application	Other fee (specify) _____				* Reduced by Basic Filing Fee paid		SUBTOTAL (3) (\$ 40)		Complete (if applicable)				Registration No.	33,122	Telephone	847-538-3129	Date	12/14/2001		
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